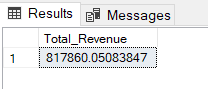
Pizza Sales SQL Queries

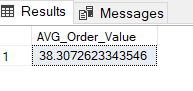
1. KPI’s
2. **Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;

****

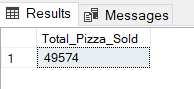
1. **Average Order Value:**

SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS AVG\_Order\_Value FROM pizza\_sales;

****

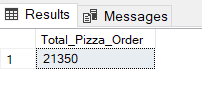
1. **Total Pizza Sold:**

SELECT SUM(quantity) AS Total\_Pizza\_Sold FROM pizza\_sales;

****

1. **Total Orders:**

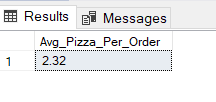
SELECT COUNT(DISTINCT order\_id) AS Total\_Pizza\_Order FROM pizza\_sales;

****

1. **Average Pizza Per Order:**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2))/

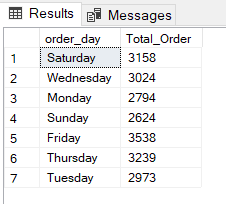
CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS Avg\_Pizza\_Per\_Order FROM pizza\_sales;



1. **Daily Trend For Total Orders:**

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) as Total\_Order

FROM pizza\_sales GROUP BY DATENAME(DW, order\_date);

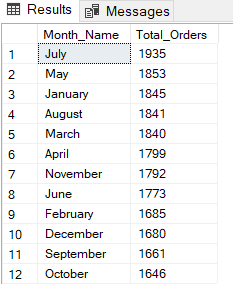
****

1. **Monthly Trend For Total Orders:**

SELECT DATENAME(MONTH, order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales GROUP BY DATENAME(MONTH, order\_date)

ORDER BY Total\_Orders DESC;

****

1. **Percentage Of Sales By Pizza Category:**

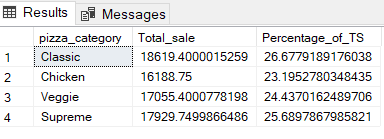
SELECT pizza\_category,SUM(total\_price) AS Total\_sale,SUM(total\_price) \* 100 /

(SELECT SUM(total\_price) FROM pizza\_sales WHERE MONTH(order\_date) = 1) AS Percentage\_of\_TS

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category;

****

1. **Percentage Of Sales By Pizza Size:**

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_sale, CAST(SUM(total\_price)\*100/

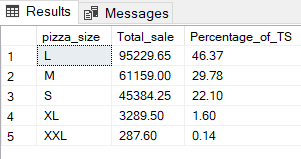
(SELECT SUM(total\_price) FROM pizza\_sales WHERE DATEPART(quarter, order\_date) = 1) AS DECIMAL(10,2)) AS Percentage\_of\_TS

FROM pizza\_sales

WHERE DATEPART(quarter, order\_date) = 1

GROUP BY pizza\_size

ORDER BY Percentage\_of\_TS DESC;

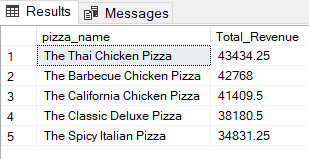
****

1. **Top 5 Pizzas By Revenue:**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC;

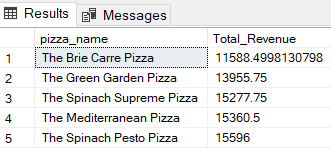


1. **Bottom 5 Pizzas By Revenue:**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC;

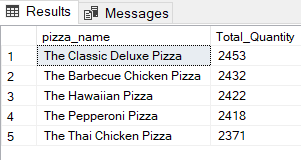
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1. **Top 5 Pizzas By Quantity:**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER by Total\_Quantity DESC;

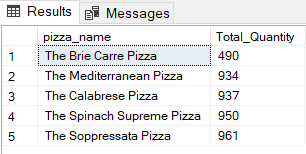
****

1. **Bottom 5 Pizzas By Quantity:**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER by Total\_Quantity ASC;

****

***NOTE***

If you want to apply the Month, Quarter, Week filters to the above queries you can use WHERE clause. Follow some of the below examples

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) as Total\_Order

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY DATENAME(DW, order\_date);

**\***Here MONTH(order\_date) = 1 indicates that the output is for the MONTH of JANUARY. MONTH(order\_date) = 4 indicates output for the MONTH of APRIL.

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) as Total\_Order

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

GROUP BY DATENAME(DW, order\_date);

**\***Here DATEPART(QUARTER, order\_date) = 1 indicates that the output is for the Quarter 1. DATEPART(QUARTER, order\_date) = 3 indicates output for Quarter 3.